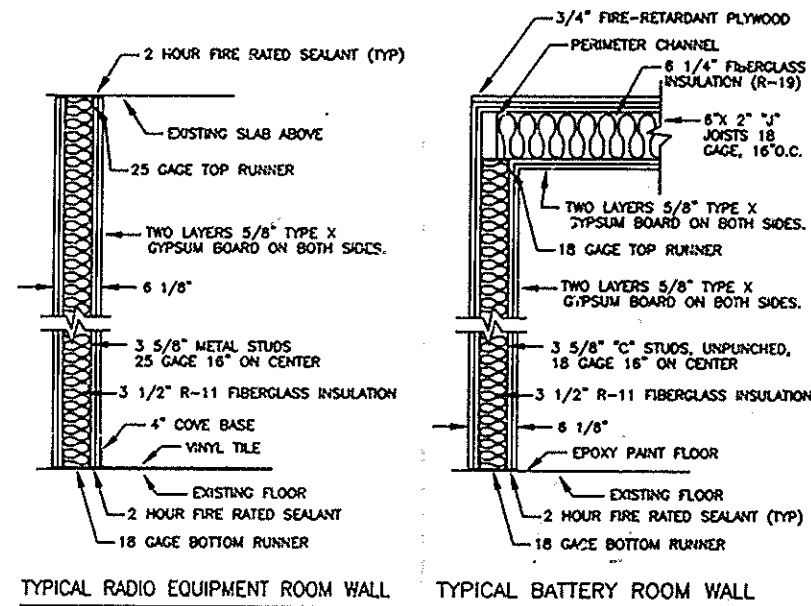


# NOTES

- RADIO EQUIPMENT ROOM: PROVIDE 4" FLAT BLACK VINYL COVE BASE CLUED TO WALLS ALL AROUND. PATCH AND REPAIR EXISTING EPOXY PAINT ON FLOOR AS NECESSARY. BATTERY ROOM AND UPS AREA: PATCH AND REPAIR EXISTING EPOXY PAINT ON FLOOR AS NECESSARY.
- PROVIDE A MIN. OF (2) FINISH COATS SEMI-GLOSS ENAMEL FOR THE ENTIRE ROOM WALLS OF RADIO EQUIPMENT, BATTERY ROOM, CEILING OF BATTERY ROOM AND UPS AREA. ALL NEW WALLS AND CEILING SHALL ALSO HAVE A LATEX PRIMER COAT.
- RADIO EQUIPMENT ROOM WALL SHALL BE TWO 5/8" TYPE X GYPSUM WALLBOARD ON BOTH SIDES OF 3 5/8" METAL STUDS 25 GAGE AT 16" ON CENTER WITH 3 1/2" R-11 FIBERGLASS INSULATION CONSTRUCTED FROM FLOOR TO SLAB.
- BATTERY ROOM WALLS SHALL BE TWO 5/8" TYPE X GYPSUM WALLBOARD ON BOTH SIDES OF 3 5/8" "C" STUDS UNPUNCHED 18 GAGE AT 16" ON CENTER WITH 3 1/2" R-11 FIBERGLASS INSULATION. BATTERY ROOM CEILING TO BE CONSTRUCTED OF 6" X 2" J JOIST, 18 GAGE CEILING JOISTS AT 16" O.C. WITH 3/4" FIRE-RETARDANT PLYWOOD WITH (2) LAYERS 5/8" TYPE X GYPSUM BOARD ON BOTH SIDES OF JOISTS AND 6 1/4" R-19 FIBERGLASS INSULATION.
- PROVIDE METAL FRAME FOR DOUBLE DOORS, 1 1/2 HOUR UL RATED, MINIMUM 16 GAGE STEEL FRAME AND DOOR MINIMUM 16 GAGE, 1 3/4" HOLLOW METAL DOORS, 1 1/2 HOUR UL RATED IN LOCATIONS SHOWN ON PLAN. DOOR LOCKSET TO BE CORBIN-RUSSWIN # M2257R-WA26 LOCK WITHOUT CYLINDER. CYLINDERS PROVIDED AND INSTALLED BY OTHERS. BUTTS: STANLEY WORKS FB8179.
- PROVIDE 7" HIGH WIRE PARTITIONS AND 3" WIDE DOOR WITH TWO PADLOCK "STAPLES" AT 21" AND 63" AFF. PADLOCKS BY OTHERS. ACORN WIRE AND IRON WORKS TYPE NO. 130A OR APPROVED EQUAL LOCK TO BE KEYSAVE AS DOORS (NOTE 5 ABOVE).
- IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THIS DOCUMENT IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

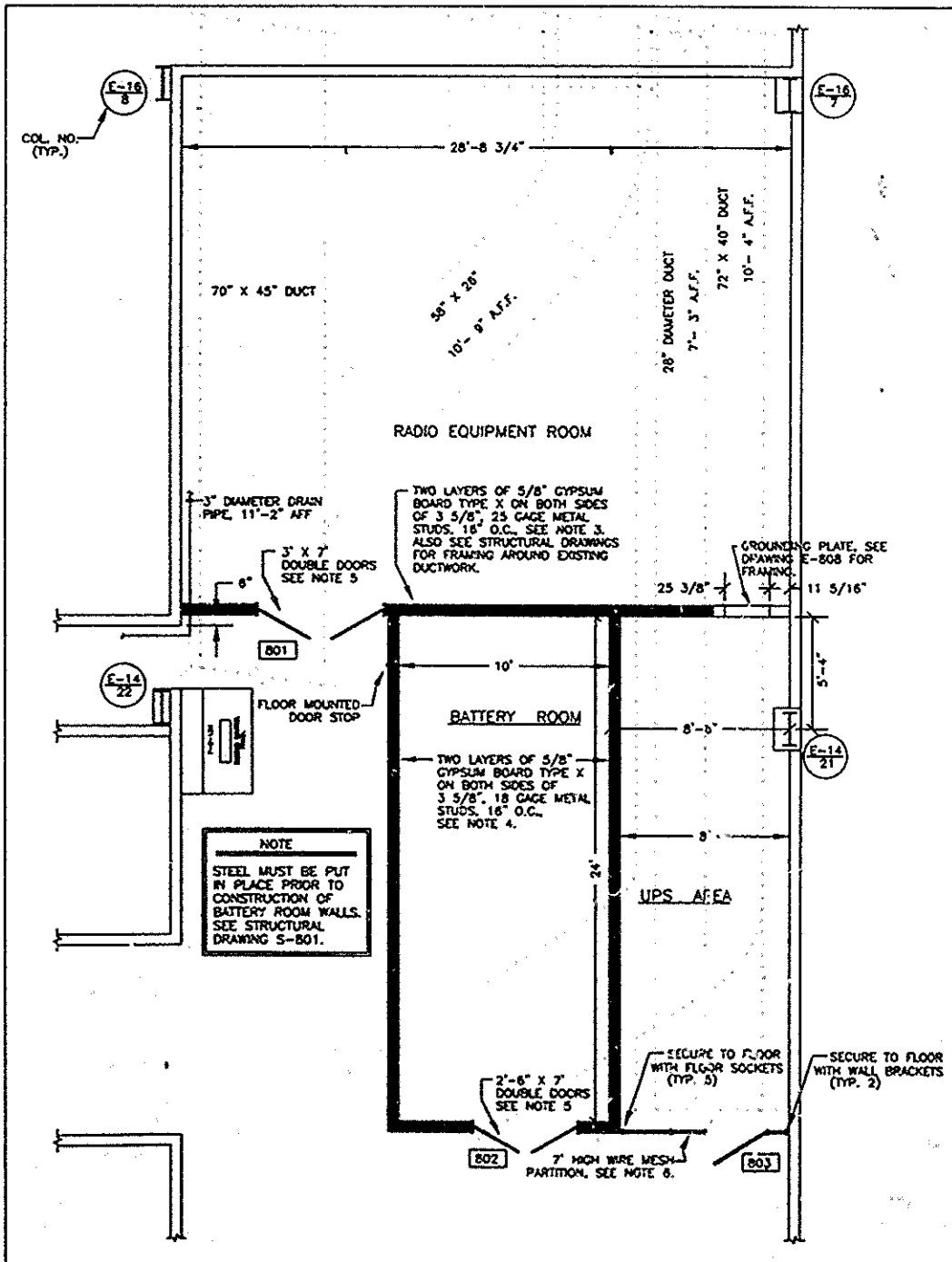
## DOOR SCHEDULE

DOOR NO.	DOOR			FRAME					REMARKS	
	OPENING SIZE	MAT'L	LVR/ U.C.	MAT'L	JAMB	HEAD	SADDLE	UL LABEL		HOWR SET
801	2(3'-0" x 7'-0")	H.M.		H.M.				C	NOTE 5	SEE NOTE 5 AND DOOR DETAIL ON THIS DRAWING
802	2(2'-6" x 7'-0")	H.M.		H.M.				C	NOTE 5	SEE NOTE 5 AND DOOR DETAIL ON THIS DRAWING
803	3'-0" x 7'-0"	H.M.		STL					NOTE 6	SEE NOTE 6

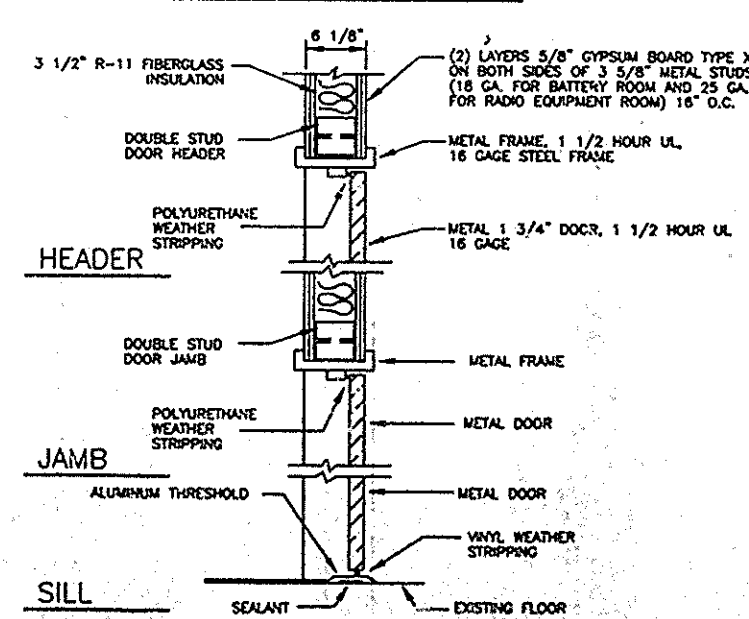
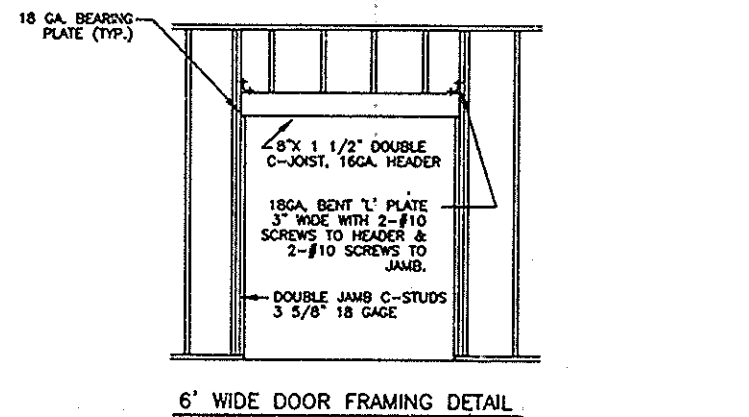


TYPICAL RADIO EQUIPMENT ROOM WALL TYPICAL BATTERY ROOM WALL

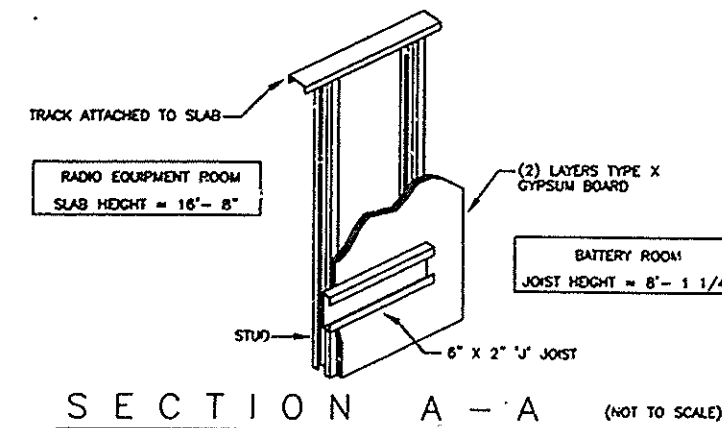
## TYPICAL 2-HOUR FIRE RATED WALLS



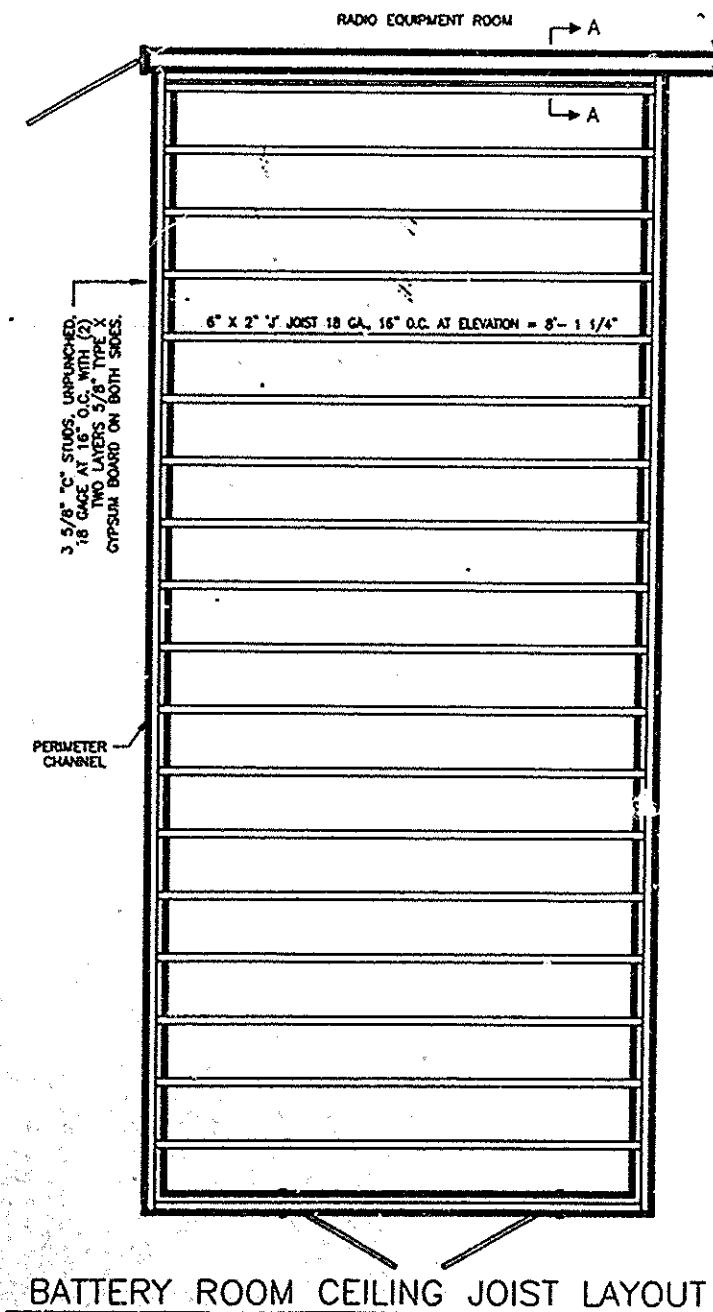
PARTIAL FLOOR PLAN



DOOR DETAIL



SECTION A-A (NOT TO SCALE)



BATTERY ROOM CEILING JOIST LAYOUT

Sheet 8A of 110

THE PORT AUTHORITY  
OF NY & NJ



ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR R.A.)

Ram Communications  
Consultants, Inc.  
10 Woodbridge Center Drive  
Woodbridge, NJ 07095  
(908) 636-6970 Fax (908) 636-7260

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-945-071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.  
DATE 11/6/98 *Stephen A. Nelson*  
DATE 11/6/98 *F.L. James*  
SUPERVISOR ENGINEER OF DESIGN

No. Date Revision Approved

The World Trade Center

STANDBY POWER  
5 WORLD TRADE CENTER  
COMMUNICATIONS

CONSTRUCTION PLAN,  
WALL SECTIONS,  
DOOR DETAILS AND NOTES

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S.D.	R.M.	S.O.
Designed by	Drawn by	Checked by
Date	Scale AS NOTED	
Contract Number	Drawing Number	
WTC-945.071	A-801	